

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-014819**Date Inspected:** 09-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Yang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, M.Manikandan was present during the time noted above for observations relative to the work being performed.

OBG # TRIAL ASSEMBLY YARD(8AE-8BE)

This QA Inspector performed dimensional survey for the Skin Flatness across Transverse Splice Joints at Location B1, B2, B3, B4, T1 and T2 for below segment along with ABF using 5M string line, 600mm and 630mm straight edge. Reports forwarded to team leader for further action.

8AE-8BE

OBG # TRIAL ASSEMBLY YARD(8BE-8CE)

This QA Inspector performed dimensional survey for the Skin Flatness across Transverse Splice Joints at Location B1, B2, B3, B4, T1 and T2 for below segment along with ABF using 5M string line, 600mm and 630mm straight edge. Reports forwarded to team leader for further action.

8BE-8CE

This QA Inspector randomly observed the following work in progress:

WELDING INSPECTION REPORT

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OBG # TRIAL ASSEMBLY YARD (7DW)

SMAW Process:

Welding of weld joint – 053 located on PCMK SP442-001, Side panel T-Rib web weld of segment 7DW. Welder is identified as 066002. ZPMC CWI is identified as Li Yang. Welding was been performed against Welding repair report B-WR12418 Rev.0. The welding variables recorded by QC appeared to comply with the WPS-345-SMAW-3G(3F)-Repair.

OBG # TRIAL ASSEMBLY YARD (8AW-8BW)

SMAW Process:

Welding of weld joint –002 located on PCMK DP652-001, Deck panel I-Rib weld joins 8AW and 8BW. Welder is identified as 037996. ZPMC CWI is identified as Li Yang. The welding variables recorded by QC appeared to comply with the WPS-B-T-3213-U3b.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Manikandan,Murugan	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
